

Title (en)

BRAKE TORQUE MONITORING AND HEALTH ASSESSMENT

Title (de)

BREMSDREHMOMENTÜBERWACHUNG UND GESUNDHEITSBEWERTUNG

Title (fr)

CONTRÔLE ET ÉVALUATION DE SANTÉ DE COUPLE DE FREINAGE

Publication

EP 2773584 B1 20181031 (EN)

Application

EP 11875161 A 20111102

Priority

US 2011058885 W 20111102

Abstract (en)

[origin: WO2013066321A1] A method (138, 140, 142) for monitoring brake torque of an elevator (100) having a motor (116) is provided. The method (138, 140, 142) may engage an elevator brake (126) for a predefined duration, determine a displacement of an output shaft of the motor (116) during the predefined duration, and generate an alert if the displacement exceeds a predefined threshold.

IPC 8 full level

B66B 5/00 (2006.01)

CPC (source: EP US)

B66B 5/0037 (2013.01 - EP US); **F16D 66/00** (2013.01 - US); **G01L 5/28** (2013.01 - US); **B60T 7/18** (2013.01 - US); **B66B 5/00** (2013.01 - US); **F16D 2066/005** (2013.01 - US)

Cited by

US9919896B2; US11242220B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013066321 A1 20130510; CN 104010958 A 20140827; CN 104010958 B 20160824; EP 2773584 A1 20140910; EP 2773584 A4 20150701; EP 2773584 B1 20181031; ES 2702536 T3 20190301; JP 2014532607 A 20141208; JP 6002775 B2 20161005; US 2014311257 A1 20141023; US 9791009 B2 20171017

DOCDB simple family (application)

US 2011058885 W 20111102; CN 201180076188 A 20111102; EP 11875161 A 20111102; ES 11875161 T 20111102; JP 2014539912 A 20111102; US 201114355128 A 20111102